index to volume 6

Author index

		number	page
1.	ADAMS, C. G A note on two important collections of foraminifera in the British Museum		
	(Natural History)	4	417
2.	ARMS, B. C A silica depressant method for concentrating fossil pollen and spores	3	327
3.	Asano, K News report: Japan	1	120
4.	BAKER, G Fossil opal-phytoliths	1	79
5.	BANNER, F. T., AND BLOW, W. H The taxonomy, morphology, and affinities of the genera		
	included in the subfamily Hastigerininae	1	19
6.	BARNARD, T Some species of Lenticulina and associated genera from the Lias of England	1	41
7.	BARR, K. W The occurrence of Choffatella decipiens in Trinidad	3	323
8.	Bé, A. W. H Ecology of Recent planktonic foraminifera: Part 2 - Bathymetric and seasonal		
	distributions in the Sargasso Sea off Bermuda	4	373
9.	BIEDA, F News report: Poland	1	122
10.	BOLD, W. A. VAN DEN Eocene and Oligocene Ostracoda of Trinidad	2	145
11.	Boltovskoy, E News report: Argentina	2	241
12.	CHEETHAM, A Rimosocella, new genus of cheilostome Bryozoa	3	287
	CLARK, D. L see Schell, W. W., and Clark, D. L. (47)		
13.	COLE, W. S Variability in embryonic chambers of Lepidocyclina	2	133
14.	COLOM, G News report: Spain	4	435
15.	COOKSON, I. C., AND EISENACK, A Microplankton from Australian Cretaceous sediments	1	1
16.	Douglass, R. C News report: United States - East Coast	2	245
17.	Douglass, R. C Revision of the family Orbitolinidae	3	247
18.	DOWNIE, C Deunffia and Domasia, new genera of hystrichospheres	2	197
19.	ECHOLS, D. J., AND SCHAEFFER, K. M Microforaminifera of the Marianna limestone		
	(Oligocene) from Little Stave Creek, Alabama.	4	399
20.	Editors, The – The Catalogue of Foraminifera in microfilm	1	117

 Editors, The – Directory of correspondents. Editors, The – The Catalogue of Foraminifera in microfilm. Eisenack, A. – see Cookson, I. C., and Eisenack, A. (15) Ferreira, J. M. – News report: Portugal 	1 3 1 1 2	132 290 125 57
EISENACK, A see Cookson, I. C., and EISENACK, A. (15)	1	125
23. Ferreira, J. M News report: Portugal	1	
		57
24. Green, K. E Ecology of some Arctic foraminifera	2	
25. GRILL, R News report: Austria		243
26. GROOT, J. J., AND PENNY, J. S Plant microfossils and age of nonmarine Cretaceous sediments of Maryland and Delaware	2	225
27. HAMPTON, J. S A statistical analysis of Rhabdotites dorsetensis Hodson, Harris and Lawson,		
1956	3	307
28. Hessland, I. – News report: Scandinavia	3	340
29. HILTERMANN, H News report: Germany	3	335
30. HILTERMANN, H Annotated bibliography of micropaleontology in Germany for 1959	4	425
31. Hofker, J The genus Truncorotalia Cushman and Bermudez, 1949	1	111
32. Hofker, J The taxonomic status of Praeglobotruncana, Planomalina, Globigerinella, and Biglobigerinella	3	315
33. Hornibrook, N. de B. – News report: New Zealand Jansonius, J. – see Staplin, F. L., Pocock, S. J., Jansonius, J., and Oliphant, E. M. (52)	4	435
34. Jenkins, D. G Planktonic foraminifera from the Lakes Entrance oil shaft, Victoria, Australia .	4	345
35. JONES, D. J News report: United States - Rocky Mountain region	1	126
36. JOYSEY, K. A. – Note on the Brady Collection of Foraminifera	4	416
37. Kesling, R. V. – News report: United States – East-Central region	4	437
38. KORNICKER, L. S., AND WISE, C. D. – Some environmental boundaries of a marine ostracode	4	393
39. Krinsley, D. – Trace elements in the tests of planktonic foraminifera	3	297
40. NAGAPPA, Y. – News report: India and Burma	1	118
41. NEALE, J. W Marine Lower Cretaceous Ostracoda from Yorkshire, England	2	203
OLIPHANT, E. M. – see Staplin, F. L., Pocock, S. J., Jansonius, J., and Oliphant, E. M. (52)	2	200
Penny, J. S see Groot, J. J., and Penny, J. S. (26)		
42. Pessagno, E. A., Jr Stratigraphy and micropaleontology of the Cretaceous and lower Tertiary of Puerto Rico	1	87
43. Pessagno, A. E., Jr Thin-sectioning and photographing smaller foraminifera	4	419
44. Petters, V. – News report: Colombia	2	244
45. Pożaryska, K. – News report: Poland	3	338
16. SAID, R Planktonic foraminifera from the Thebes Formation, Luxor, Egypt	3	277
47. Schell, W. W., and Clark, D. L Lower Triassic foraminifera from Nevada	3	291
48. Schopf, J. M Double cover-glass slides for plant microfossils	2	237

	nu mber	page
49. Scott, R. A Pollen of Ephedra from the Chinle formation (Upper Triassic) and the genus Equisetosporites	3	271
50. Seibold, E., and Seibold, I. – Foraminifera in sponge bioherms and bedded limestones of the Malm, south Germany	3	301
51. Staplin, F. L News report: Canada	4	433
52. STAPLIN, F. L., POCOCK, S. J., JANSONIUS, J., AND OLIPHANT, E. M Palynological techniques for sediments	3	329
53. Szenk, B. J News report: Venezuela	1	129
54. TÉLLEZ-GIRÓN, C. – News report: Mexico	3	337
55. Traverse, A Still more on conversion of microscope coordinates	4	424
56. Tschudy, R. H "Vibraflute"	3	325
57. TYNAN, E. J The Archaeomonadaceae of the Calvert formation (Miocene) of Maryland	1	33
58. VOORTHUYSEN, J. H. VAN News report: Benelux	3	333

7 0 5

Subject index

Note: New terms and names of new taxa are set in **bold-face** type. Numbers in parentheses refer to papers listed in the author index.

Archaeomonas multispinosa

Definition of (57)

Definition of (57)

Miocene of Maryland (57)

Archaeomonas wilsoni

Occurrence

Acrocythere (Ostracoda) Beella (Foram.) Definition of (41) Definition of (5) Aiora (Hystrich.) Belgium Definition of (15) News report (58) Alabama Bermuda "Microforaminifera" Foraminifera Occurrence in Oligocene (19) Distribution, bathymetric and Amphidiadema (Dinoflag.) seasonal, in surrounding Definition of (15) waters (8) Archaeomonads (Chrysomonadineae) Bryozoa Occurrence Bibliography Miocene of Maryland (57) Annotated, Germany, 1959(30) Foraminifera Eocene of North Carolina and Recent (24) Georgia (12) Argentina Definition of (12) News report (11) Arizona Burma Pollen News report (40) Occurrence in Upper Triassic (49)Ascodinium (Dinoflag.) Canada Definition of (15) News report (51) Ascothoracidae Cardobairdia (Ostracoda) Bibliography Definition of (10) Annotated, Germany, 1959 (30) Caribbean Foraminifera Dinoflagellates Distribution in Miocene (34) Occurrence in Cretaceous (15) CATALOGUE OF FORAMINIFERA Foraminifera Depository of types (1) Distribution in Miocene (34) Microfilm edition (20, 22) Hystrichospherids Chitinozoa Occurrence in Cretaceous (15) Bibliography Microplankton Annotated, Germany, 1959 Incertae Familiae (30)Occurrence in Cretaceous Chrysomonads (15)Archaeomonas gracilis Incertae sedis Definition of (57) Occurrence in Cretaceous Archaeomonas mamillosa (15)Definition of (57)

Occurrence in Cretaceous (15)

Occurrence in Quaternary and

Phytoliths, opal

News report (25)

Tertiary (4)

Codonia (Incertae sedis) Definition of (15) Colombia News report (44) Conodonts Bibliography Annotated, Germany, 1959 (30)Correspondents Directory of (21) Dinoflagellates Occurrence in Australia (15) Foraminifera Occurrence in Puerto Rico (42)Occurrence of Orbitolinidae (17)Hystrichospherids Occurrence in Australia (15) Microplankton Incertae Familiae Occurrence in Australia (15)Incertae sedis Occurrence in Australia (15)Occurrence in Australia (15) Pollen Maryland and Delaware (26)Spores Occurrence Maryland and Delaware Cretaceous, Lower Foraminifera Occurrence of Choffatella

decipiens in Trinidad (7)

Distribution in England

Cirrifera (Incertae sedis)

Definition of (15)

Austria

Foraminifera (continued) Delaware England Pollen and spores Foraminifera Globorotalia thebaica Distribution of Lenticulina in Definition of (46) Occurrence Globotruncana (Rugotruncana) gansseri Lower Jurassic (6) Nonmarine Cretaceous sediments (26) Hystrichospherids dicarinata Occurrence in Middle Silurian Definition of (42) Diatoms Globotruncana (Globotruncana) sub-Bibliography (18)Annotated, Germany, 1959 Ostracoda spinosa Distribution in Lower Cre-Definition of (42) (30)Dinoflagellates taceous (41) Hastigerinella Amphidiadema Holothurian sclerites Emendation of (5) Statistical analysis (27) Hastigerinella digitata Definition of (15) Emendation of (5) Amphidiadema denticulata Eocene Definition of (15) Hastigerininae Bryozoa Ascodinium Occurrence Taxonomy and morphology (5) North Carolina and Geor-Lingulina triangulata Definition of (15) Definition of (47) Ascodinium acrophorum gia (12) Definition of (15) Foraminifera Lockhartia susuaensis Occurrence of Orbitolinidae Definition of (42) Ascodinium serratum Definition of (15) "Microforaminifera" Ostracoda Bibliography Occurrence Distribution in Trinidad (10) Oligocene of Alabama (19) Annotated, Germany, 1959 (30) Deflandrea echinoidea Morphology (31) Embryonic chambers of Lepi-Foraminifera Definition of (15) Deflandrea macrocysta Beella docyclina (13) Definition of (15) Definition of (5) Occurrence **Bibliography** Cretaceous of Puerto Rico (42) Deflandrea micracantha Definition of (15) Annotated, Germany, 1959 Lower Tertiary of Puerto Rico Deflandrea minor (30)(42)Lower Triassic of Nevada (47) Definition of (15) **Brady Collection** Deflandrea tripartita Depository (36) Of Choffatella decipiens in Lower Catalogue of Cretaceous of Trinidad (7) Definition of (15) Gonyaulax margaritifera Depository of types (1) Orbitolinidae Occurrence worldwide in Cre-Microfilm edition (20, 22) Definition of (15) taceous and Eocene (17) Chemical analyses of tests (39) Ginginodinium Definition of (15) Chilostomelloides tubulosa Taxonomy and revision of Definition of (42) Ginginodinium spinulosum family (17) Collections at British Museum Paleoecological study of facies, Definition of (15) (Natural History) (1) Germany (50) Microdinium Planomalina yaucoensis Definition of (15) Distribution Microdinium ornatum Miocene of Australia and Car-Definition of (42) Praeglobotruncana mattsoni Definition of (15) ibbean (34) Distribution, bathymetric and Definition of (42) Nelsoniella Pseudofrondicularia triassica Definition of (15) seasonal Nelsoniella aceras Definition of (47) Recent, in Bermuda waters (8) Definition of (15) Distribution in lower Tertiary, Taxonomy Nelsoniella semireticulata Egypt (46) Globigerina and related genera Definition of (15) Distribution of Lenticulina (32)Nelsoniella tuberculata Lower Jurassic of England (6) Lepidocyclina and related genera Definition of (15) Ecology Occurrence Recent of Arctic (24) **Techniques** Cretaceous of Australia (15) Thin-sectioning and photog-Globigerina euapertura Definition of (34) raphy (43) Scriniodinium galeatum Definition of (15) Globigerina woodi Definition of (34) Diplofusa (Incertae sedis) Georgia Definition of (15) Globigerinoides apertasuturalis Bryozoa Discoasters Definition of (34) Occurrence in Eocene (12) Bibliography Globorotalia conica Germany Annotated, Germany, 1959 (30) Bibliography, annotated, for 1959 Definition of (34) Disphaeria (Incertae sedis) Globorotalia extans (30)Definition of (34) Foraminifera Definition of (15) Paleoecological study (50) Globorotalia menardii miotumida

Egyp

Foraminifera

Distribution in lower Tertiary
(46)

Globorotalia menardii panda Definition of (34) Globorotalia **testarugosa** Definition of (34)

Definition of (34)

Definition of (15)

Ginginodinium (Dinoflag.)

News report (29)

Gillinia (Incertae sedis)
Definition of (15)

Chrysomonads Holothurian sclerites Definition of (15) Occurrence in Maryland (57) **Bibliography** Gillinia hymenophora Foraminifera Annotated, Germany, 1959 Definition of (15) Distribution in Australia and (30)Hystrichosphaeridium ancoriferum Caribbean (34) Rhabdotites dorsetensis, revision of Definition of (15) Morphology (27)Platycystidia Foraminifera (31) Statistical analysis Definition of (15) Hastigerininae (5) Upper Jurassic of England (27) Platycystidia diptera Hystrichospherids Definition of (15) Aiora Palaeostomocystis apiculata Nannofossils Definition of (15) Definition of (15) Bibliography Bibliography Toolongia Annotated, Germany, 1959 Annotated, Germany, 1959 Definition of (15) (30)(30)Toolongia medusoides Nelsoniella (Dinoflag.) Cannosphaeropsis hyperacantha Definition of (15) Definition of (15) Definition of (15) Trigonopyxis Netherlands Cannosphaeropsis tutulosa Definition of (15) News report (58) Definition of (15) Trigonopyxis ginella Nevada Definition of (15) Deunffia Foraminifera Definition of (18) Xenikoon Occurrence in Lower Triassic Deunffia brevispinosa Definition of (15) Definition of (18) Xenikoon australis New Zealand Deunffia furcata Definition of (15) News report (33) Definition of (18) India North Carolina Deunffia monospinosa News report (40) Bryozoa Definition of (18) Occurence in Eocene (12) Deunffia ramusculosa apan Definition of (18) News report (3) Domasia Oligocene Jurassic, Lower Definition of (18) "Microforaminifera" Foraminifera Domasia bispinosa Occurrence in Alabama (19) Distribution of Lenticulina in Definition of (18) England (6) Domasia elongata Distribution in Trinidad (10) Jurassic, Upper Definition of (18) Ostracoda Holothurian sclerites Domasia trispinosa Argilloecia nutusa Statistical analysis (27) Definition of (18) Definition of (10) Occurrence Bibliography Cretaceous of Australia (15) Maryland Annotated, Germany, 1959 Middle Silurian of England (30)Chrysomonads Occurrence in Miocene (57) Bosquetina? concepcionensis Pollen and spores Definition of (10) Occurrence in nonmarine Cre-Brachycythere fernandensis Incertae sedis taceous sediments (26) Definition of (10) Actinotheca aphroditae Mexico Brachycythere harmoniensis Definition of (15) News report (54) Definition of (10) Chlamydophorella urna Microdinium (Dinoflag.) Bythoceratina scabra Definition of (15) Definition of (15) Definition of (10) Cirrifera "Microforaminifera" "Bythocypris" pykna Definition of (15) Historical review (19) Definition of (10) Cirrifera unilateralis Cardobairdia Method of preparation (19) Definition of (15) Morphology and size relationship Definition of (10) (19)Cardobairdia ovata Definition of (15) Occurrence Definition of (10) Codonia campanulata Oligocene of Alabama (19) Cativella moriahensis Definition of (15) Microplankton Definition of (10) Diplofusa Incertae Familiae Collections at British Museum (Natural History) (1) Definition of (15) Occurrence Diplofusa gearlensis Cretaceous of Australia Costa barri Definition of (15) Definition of (10)

Incertae sedis

Occurrence

Occurrence

(15)

Cretaceous of Australia

Cretaceous of Australia (15)

Incertae sedis (continued)

Gillinia

Miocene

Costa harmoniensis

Costa lehneri

Costa meka

Definition of (10)

Definition of (10)

Definition of (10)

Diplotesta luna

Disphaeria

Definition of (15)

Definition of (15)

Definition of (15)

Disphaeria macropyla

Hastigerininae (Foram.)

Taxonomy and morphology (5)

Ostracoda (continued) Ostracoda (continued) Puerto Rico Trachyleberis bollii Foraminifera Cretaceous, Lower Correlation, England with Definition of (10) Occurrence in Cretaceous (42) northern Europe (41) Trachyleberis? hapsida Occurrence in lower Tertiary Definition of (10) Cytherella harmoniensis Xestoleberis chamela Definition of (10) Cytherella navetensis Definition) of (10) Quaternary Definition of (10) Xestoleberis moriahensis Phytoliths, opal Definition of (10) Cytherella serpentiensis Occurrence in Australia (4) Definition of (10) Otoliths Cytherella stainforthi Bibliography Radiolaria Definition of (10) Annotated, Germany, 1959 Bibliography Cytherelleidea pulchra Annotated, Germany, 1959 Definition of (41) Paleoecology (30)Cytheropteron? trinidadensis Definition of (10) Foraminifera Recent Foraminifera Cytherura vistabellensis Cretaceous of Puerto Rico (42) Distribution, bathymetric and Definition of (10) Germany (50) seasonal, in Bermuda waters Lower Tertiary of Puerto Rico Distribution Eocene of Trinidad (10) Rimosocella (Bryozoa) Lower Cretaceous of England Palynology Techniques Definition of (12) (41)Oligocene of Trinidad (10) Commerical laboratories (52) Ecological laboratory experiments Method of concentration (2) Scandinavia Preparation of samples (56) News report (45) Eucytherura kugleri Phytoliths, opal Silurian, Middle Definition of (10) Occurrence Hystrichospherids Krithe elongata Quaternary and Tertiary of Occurrence in England (18) Definition of (10) Australia (4) Spain Krithe morkhoveni Platycystidia (Incertae sedis) News report (14) Definition of (10) Definition of (15) Spores Krithe saundersi Poland **Bibliography** Definition of (10) News report (9, 28) Annotated, Germany, 1959 Pollen Light tolerance (38) Abietineaepollenites grandialatus Loxoconcha wagneri Cingulatisporites psilatus Definition of (10) Definition of (26) Definition of (26) Macrocypris longana Abietineaepollenites microreticu-Occurrence Definition of (10) latus Cretaceous of Maryland and Macrocypris rhodana Definition of (26) Delaware (26) Definition of (10) Abietineaepollenites parvus Definition of (26) Munseyella reticulata Definition of (10) Bibliography Taxonomy Orthonotacythere (Acrocythere) Annotated, Germany, 1959 Foraminisera Globigerina and related genera Definition of (41) (30)Orthonotacythere (Orthonotacythere) anglica Morphology and affinities (49) Hastigerininae (5) Definition of (41) Eucommiidites minor Orbitolinidae Orthonotacythere (Acrocythere) Definition of (26) Revision of family (17) hauteriviana anomala Techniques: Occurrence Definition of (41) Cretaceous of Maryland and **Bibliography** Orthonotacythere (Acrocythere) Delaware (26) Annotated, Germany, 1959 Upper Triassic of Arizona and (30)hauteriviana laeva Definition of (41) Utah (49) "Microforaminifera" Parakrithe elongata Tricolpopollenites crassimurus Method of prepration (19) Microscope coordinates (58) Definition of (26) Definition of (10) Parakrithe? ovata Tricolpopollenites micromunus Ostracoda Definition of (10) Definition of (26) Ecological laboratory experi-Parakrithe waitei Tricolpopollenites parvulus ments (38) Definition of (26) Definition of (10) Palynological Tricolporopollenites distinctus Double cover-glass for plant Pseudocythere cubensis Definition of (10) Definition of (26) microfossils (48) Schuleridea rhomboidalis Tricolporopollenites planus Methods in commercial labo-Definition of (41) Definition of (26) ratories (52) Schuleridea wendensis Tricolporopollenites subobscurus Method for concentration (2) Definition of (41) Definition of (26) Prepration of samples (56) Temperature tolerance in labo-Portugal Photography of foraminifera (43) Thin-sectioning of foraminifera (43) ratory experiments (38) News report (23)

Tertiary

Phytoliths, opal

Occurrence in Australia (4)

Tertiary, lower

Foraminifera

Distribution in Egypt (46)

Occurrence in Puerto Rico (42)

Thebes formation

Definition of (46)

Toolongia (Incertae sedis)

Definition of (15) **Trigonopyxis** (Incertae sedis)

Definition of (15) Triassic, Lower

Foraminifera

Occurrence in Nevada (47)

Triassic, Upper

Pollen

Occurrence in Arizona and

Utah (49)

Trinidad

Foraminifera

Occurrence of Choffatella decipiens in Lower Cretaceous (7)

Ostracoda

Distribution in Eocene (10)

Distribution in Oligocene (10)

United States, East-Central region News report (37) United States, East Coast

News report (16)

United States, Rocky Mountain region

News report (35) Utah

Pollen

Occurrence in Upper Triassic

Venezuela

News report (53)

Xenikoon (Incertae sedis) Definition of (15)

Comments and Errata

Burma, B. H.

On the status of Theocampe Haeckel, and certain similar genera. Micropaleontology, vol. 5, no. 3, pp. 325-330, July, 1959. On page 328, column 1, line 11: For "Dictyocephalus", read "Dictyocephala".

Green, K. E.

Ecology of some Arctic foraminifera. Micropaleontology, vol. 6, no. 1, pp. 57-78, pl. 1, text-figs. 1-9, January, 1960.

After this article had gone to press, the Editors learned that it had previously appeared in Volume 1 of Scientific studies at Fletcher's Ice Island, T-3, 1952-1955 (Geophysical Research Papers, no. 63). The date of issue of this publication is given as September, 1959. Because of its availability, all conditions required for publication were fulfilled. Consequently, the six species designated as new in Micropaleontology should be suppressed and considered as new in no. 63 of the Geophysical Research Papers.

Lindström, M.

Conodonts from the Crug limestone (Ordovician, Wales). Micropaleontology, vol. 5, no. 4, pp. 427–452, pls. 1-4, text-figs. 1-3, October, 1959.

The genus name Ctenognathus Pander, 1856, is used for the synonym Spathognathodus Branson and Mehl, 1941. Ctenognathus Pander, 1856, is a junior homonym of Ctenognathus Fairmaire, 1843, and is thus invalid. Spathognathodus Branson and Mehl, 1941, is valid instead. The statements about Ctenognathus in Lindström's paper are no longer applicable. Professor W. C. Sweet has withdrawn his opinion regarding Periodon and Phragmodus which is quoted in support of Lindström's ideas on page 432 in the paper.

assistant editor

editorial board

W. Storrs Cole
Jean Cuvillier
Gunnar Erdman
Martin F. Glaessner
N. Grekoff
F. R. S. Henson
W. S. Hoffmeister
Robert V. Kesling
Stuart A. Levinson

Alfred R. Loeblich, Jr. Raymond E. Peck Hans H. Renz R. V. Sitholey P. C. Sylvester-Bradley M. L. Thompson Erich Triebel L. R. Wilson Walter Youngquist

Tom BarnardGreat Britain Guillermo Colom Spain Jean Cuvillier France A. Suat ErkTurkey Jaime M. FerreiraPortugal Eugenia Montanaro GallitelliItaly A. F. M. Mohsenul HaquePakistan Ivar HesslandScandinavia Heinrich HiltermannGermany N. de B. Hornibrook New Zealand David D. Hughes Libya

Kiyoshi Asano......Japan

Frederico W. Lange Brazil
Stuart A. Levinson United States, Gulf Coast
Alfred R. Loeblich, Jr. United States, West Coast

Jean Magné North Africa
R. E. Malloy Peru
Yedatore Nagappa India
Viktor Petters Colombia

Krystyna Pożaryska Poland
C. D. Redmond Saudi Arabia
Manfred Reichel Switzerland
Z. Reiss Israel
Arménio T. Rocha Portugal Overseas

Rushdi Said Egypt
Frank L. Staplin. Canada
Bogusław J. Szenk Venezuela
Clemencia Téllez-Girón Mexico
J. H. Voorthuysen Benelux

correspondents